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IN THE CLAIMS

1. (Previously Amended) A DC rotating electrical machine comprised of an outer housing forming a stator of said DC rotating electrical machine, said outer housing being comprised of a generally cylindrical center section and affixed first and second end closures at least one of which is detachably connected to said generally cylindrical center section, a rotor journaled within said outer housing, said first end closure having an end wall portion extending across one open end of said generally cylindrical center section and forming a substantial closure therefore and through which a portion of said rotor extends for driving connection to a related rotating machine and a cylindrical portion extending axially away from said generally cylindrical center section and said end wall portion for forming a cavity in which a substantial portion of a related rotating machine is contained for establishing a driving connection between said rotor and said related rotating machine .

2.A DC rotating electrical machine as set forth in claim 1 wherein a third end closure is affixed in closing relation to the cavity of the first end closure for containing the related rotating machine within the cavity of said first end closure.

3. (Previously Amended) A DC rotating electrical machine as set forth in claim 1 wherein the first and second end closures are axially spaced from each other and the second end closure is integrally formed with the axially extending cylindrical center section.

4.A DC rotating electrical machine as set forth in claim 3 wherein the first end closure is in abutting relation to the axially extending cylindrical center section.

5. (Previously Amended) A DC rotating electrical machine as set forth in claim 3 wherein the first end closure comprises a closure part axially spaced from the axially extending cylindrical center section by a cylindrical section integrally formed therewith and extending axially away from said axially extending cylindrical center section.

6. (Previously Amended) A DC rotating electrical machine as set forth in claim 5 wherein the DC rotating electrical machine includes a stator made up a plurality of field coils.

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7.(Previously Amended) A DC rotating electrical machine as set forth in claim 6 wherein the plurality of field coils is wound around a laminated core.

8.A DC rotating electrical machine as set forth in claim 7 wherein a portion of the laminated core is exposed between the first and second end closures.

9.A DC rotating electrical machine as set forth in claim 1 wherein the DC rotating electrical machine is brushless.

10.A DC rotating electrical machine as set forth in claim 9 further including a sensor contained within the outer housing for sensing the rotational position of said rotor.

11. (Previously Amended) A DC rotating electrical machine as set forth in claim 10 wherein the DC rotating electrical machine includes a stator made up a plurality of field coils.

12.A DC rotating electrical machine as set forth in claim 11 wherein a controller responsive to the output of the sensor switches the polarity of the field coils.

13. (Previously Amended) A DC rotating electrical machine as set forth in claim 12 wherein the controller is mounted in the interior of the DC rotating electrical machine.

14.A DC rotating electrical machine as set forth in claim 13 wherein the controller is mounted axially between the first and second end closures.

15.A DC rotating electrical machine as set forth in claim 14 wherein the controller is mounted in a cylindrical member interposed between the first and second end closures.

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16. (Previously Amended) A DC rotating electrical machine as set forth in claim 12 wherein the controller is mounted on the exterior of the DC rotating electrical machine.

17. A DC rotating electrical machine as set forth in claim 1 wherein the second end closure carries a cylindrical post extending into an cylindrical opening in the rotor for journaling said rotor within the outer housing.

18. A DC rotating electrical machine as set forth in claim 17 wherein the cylindrical post extends a substantial distance axially into the rotor.

19. A DC rotating electrical machine as set forth in claim 18 wherein the cylindrical post engages a bearing associated with the rotor.

20. A DC rotating electrical machine as set forth in claim 19 wherein the bearing associated with the rotor comprises an oil impregnated, sleeve type bearing.

21. (Previously Amended) A DC rotating electrical machine as set forth in claim 19 wherein the bearing associated with the rotor comprises an anti friction bearing.

22. (Previously Amended) A DC rotating electrical machine as set forth in claim 19 wherein the cylindrical post is detachably connected to the second end closure.

23. A DC rotating electrical machine as set forth in claim 22 wherein the bearing associated with the rotor comprises an oil impregnated, sleeve type bearing.

24. A DC rotating electrical machine as set forth in claim 22 wherein the bearing associated with the rotor comprises an anti friction bearing.

25. A DC rotating electrical machine as set forth in claim 21 wherein the cylindrical post is integrally formed with the second end closure.

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26. (Previously Amended) A DC rotating electrical machine as set forth in claim 1 in combination with a hydraulic powered steering booster and the DC rotating electrical machine comprises a motor and the related rotating machine is a hydraulic pump.

27. (Amended) A DC rotating electrical machine comprised of an outer housing forming a stator of said DC rotating electrical machine, said outer housing being comprised of a generally cylindrical center section closed at opposite ends by first and second end closures, a rotor within said outer housing and ~~extending through~~ journalled by a bearing in said first end closures for driving connection to a related rotating machine, said second end closure carrying a cylindrical post extending into a cylindrical opening in said rotor and terminating closely adjacent said bearing for further journaling said rotor within said outer housing.

28. (Cancelled)

29. (Amended) A DC rotating electrical machine as set forth in claim 28 27 wherein the cylindrical post engages a second bearing associated with the rotor.

30. (Amended) A DC rotating electrical machine as set forth in claim 29 wherein the second bearing associated with the rotor comprises an oil impregnated, sleeve type bearing.

31. (Amended) A DC rotating electrical machine as set forth in claim 29 wherein the second bearing associated with the rotor comprises an anti friction bearing.

32. A DC rotating electrical machine as set forth in claim 27 wherein the cylindrical post is detachably connected to the second end closure.

33. (Amended) A DC rotating electrical machine as set forth in claim 32 wherein the second bearing associated with the rotor comprises an oil impregnated, sleeve type bearing.

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34. (Amended) A DC rotating electrical machine as set forth in claim 32 wherein the second bearing associated with the rotor comprises an anti friction bearing.

35.(Cancelled)